

TO: Patrick Nejand, Project Manager
Ken Mass, Project Manager
United States Army Corps of Engineers (USACE)

FROM: Shannon Lloyd, Project Manager
Los Alamos Technical Associates, Inc. (LATA)

SUBJECT: August 2014 Inspection Report for the former Cornell Dubilier Electronics (CDE) Superfund Site, South Plainfield, New Jersey

LATA Project # 11266
Contract # W912DQ-09-D-3003,
Task Order # 0011

DATE: September 12, 2014

CURRENT ACTIVITIES

LATA's technician visited the Cornell Dubilier Electronics (CDE) Superfund Site for the regularly scheduled inspection visit on August 21, 2014 to perform the routine inspection of the facilities.

LATA met with USEPA August 21, 2014 to perform the monthly inspection and housekeeping activities. Work performed during the visit included; pulled woody vegetation from around and within the drainage basins, picked up trash from the fence line, inspected the catch basin and drainage basin system, inspected the perimeter fence, gates, etc., and performed a walking inspection of the asphalt cap areas. Copies of the inspection forms and site photos are attached to this report.

A total of one bag of trash (paper, plastic bottles, etc.) was picked up from around the fence line in various areas. The trash was disposed of in the local technicians office dumpster.

MANPOWER REPORTING

Date	LATA Labor	Other Labor
July 25, 2014	4 hrs.	.75 (USACE)

OUTSTANDING ISSUES/RESOLUTIONS

LATA submitted the DRAFT Accident Prevention Plan for review by USACE on July 3, 2014.

Surficial cracks were noted in the asphalt cap. These surface cracks appear to be limited to the pavement seams. LATA will discuss sealing these with an asphalt contractor and schedule as needed repairs. The areas will be monitored for further damage until the assessment or repair is made.

PLANS FOR NEXT MONTH

Plans for the September 2014 visit includes inspection and general housekeeping activities and downloading the drainage basin level datalogger.

Site Inspection Forms

Operation & Maintenance Inspection Form
Cornell-Dubilier Electronics Superfund Site
Operable Unit (OU-2)

Inspection being Conducted X Monthly

Quarterly Annually After 1" or Greater Rainfall

Inspection Date: 8/21/2014 Weather Sunny, 70s

Inspectors Name Sunil Samaroo

Basin Inspection:

Catch Basins (23 Structures)

1. Are catch basins properly draining?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Are the catch basins clear of trash, sediment and debris?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Has vegetation been removed from all catch basin areas?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Are there any signs of damage or deterioration of catch basins?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

If yes, which catch basin(s)? _____

(Refer to Record Drawings for catch basin numbers)

Stormwater Detention Basin and Surface Sand Filter:

5. Does the basin have pooled or standing water?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, describe where _____			
6. What is the water height _____			
Approximately how many hours was the last rainfall? _____			
How many inches of rain? _____			
7. Does the bottom appear relatively flat? No sand has washed away?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Are concentrated flows of runoff being unexpectedly directed into the basin?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, describe where _____			
9. Is there any damage to the sand bed or berms?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Has vegetation been removed from the basin areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Woody vegetation was removed by pulling/cutting at ground level.			

Operation & Maintenance Inspection Form
Cornell-Dubilier Electronics Superfund Site
Operable Unit (OU-2)

Inlet and Outlet Structures:

11. Are the five inlet and outlet structures draining properly?

☒ ☐ ☐

12. Is there any standing water?

☐ ☒ ☐

If yes, describe where

13. Are the inlets clear of trash, sediment and debris?

☒ ☐ ☐

14. Are the outlets (standpipes, 3" Orifice, secondary outlet and emergency spillway) clear of trash, sediment, and debris?

☒ ☐ ☐

15. are there any signs of damage or deterioration of inlet/outlet structures?

☐ ☒ ☐

If yes, describe where

16. Has vegetation been removed from inlet and outlets?

☐ ☐ ☒

Additional descriptions of where repairs or maintenance is needed:

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Inspector's Signature

Amil Amaro

**Operation & Maintenance Inspection Form
Cornell-Dubilier Electronics Superfund Site
Operable Unit (OU-2)**

Inspection Date: 8/21/2014 **Weather** Sunny, 70s

Inspectors Name Sunil Samaroo

"Tree Grove" Inspection

	Yes	No	N/A
1. Is there any tree damage from storms? If yes, describe: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is there an accumulation of tree debris? If yes, describe: _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Do any trees appear infested? If yes, describe: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Do any trees appear malnourished? If yes, describe: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Was the last Quarterly Seasonal Maintenance Performed? Date of previous maintenance: _____ (Refer to section 2.3.2 of the Operation & Maintenance Manual)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Was the last Annual Arborist Inspection performed? Date of previous inspection: _____ (Refer to section 2.3.3 of the Operation & Maintenance Manual)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Additonal descriptions of where repairs or maintenance is needed:

Tree buffer being maintained "as is" by direction of USACE and EPA.

Pulled bamboo "runners" that extended onto the asphalt.

Broken/ fallen branch in water tower area removed from site.

Inspector's Signature



Operation & Maintenance Inspection Form
Cornell-Dubilier Electronics Superfund Site
Operable Unit (OU-2)

Inspection Date: 8/21/2014 Weather Sunny, 70s

Inspectors Name Sunil Samaroo

Debris, Trash, Vegetation and Sediment Removal and Inspections

Comments

Removed trash from perimeter fence.

One bag of trash, half filled, disposed of at URS dumpster.

Over al, the site remains in good condition.

General Houskeeping

Comments

Spot sprayed weeds in asphalt area with Round Up.

Asphalt has minor cracking predominantly at seems, previously observed.

Drums removed from site.

ACE personelle Patrick Nejand on-site from 1115 to 1200.

Fencing and Gates

Comments

GOOD

Trash and Debris

Comments

(See above)

Snow Removal

Comments

N/A

8-21-2014 Cornell-Dubilier Electronics

Site Inspection photos





Fence drive by inspection photos





Fallen branch (before / after)





Detention basin, < 1" of water



Cold patch swept back into MW area (before / after)



Weeds sprayed with Round Up

Additional site photos (below)



